

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of )  
David Philip Williams et al. ) Group Art Unit:  
Application No.: ) Examiner:  
Filed: June 17, 2005 ) Confirmation No.:  
For: ENHANCED OPTICAL WAVEGUIDE )  
)  
)  
)

**GENERAL AUTHORIZATION FOR PETITIONS  
FOR EXTENSIONS OF TIME AND PAYMENT OF FEES**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. § 1.136(a)(3), the U.S. Patent and Trademark Office is hereby provided with a general authorization to treat any concurrent or future reply requiring a petition for an extension of time for its timely submission as containing a request therefor for the appropriate length of time.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. § 1.17 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: June 17, 2005

By: William C. Rowland  
William C. Rowland  
Registration No. 30,888

P.O. Box 1404  
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(703) 836-6620

Substitute for Form U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE PTO-1390		ATTORNEY'S DOCKET NUMBER 034279-009
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/539206</b>
INTERNATIONAL APPLICATION NO. PCT/GB2003/005673	INTERNATIONAL FILING DATE 22 December 2003 (22.12.2003)	PRIORITY DATE CLAIMED 20 December 2002 (20.12.2002)
TITLE OF INVENTION  <b>ENHANCED OPTICAL WAVEGUIDE</b>		
APPLICANT(S) FOR DO/EO/US <b>WILLIAMS, David Philip; MANGAN, Brian Joseph; and RUSSELL, Philip St. John</b>		
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission to items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (22) indicated below.</li> <li>4. <input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ul> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>		
<p><b>Items 11 to 21 below concern document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li>14. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information: <u>General Authorization for Petitions for Extensions of Time and Payment of Fees; and Application Data Sheet</u></li> </ol>		

U.S. APPLICATION NO. (Unknown, see 37 CFR 1.5) <b>107559206</b>		INTERNATIONAL APPLICATION NO. PCT/GB2003/005673	ATTORNEY'S DOCKET NUMBER 034279-009																																																																																																
<p>21. <input checked="" type="checkbox"/> Applicant(s) requests that the published application include the following assignment information: <u>Crystal Fibre A/S</u> <u>Birkeroed, Denmark</u></p> <p>22. <input checked="" type="checkbox"/> The following fees are submitted:</p> <table border="1"> <tr> <td colspan="3">Basic Filing Fee (1631)</td> <td>\$ 300.00</td> </tr> <tr> <td colspan="3">Surcharge of \$130.00 (1617) for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).</td> <td><input type="checkbox"/> 20 <input type="checkbox"/> 30</td> </tr> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> </tr> <tr> <td>Total Claims</td> <td>36</td> <td>-20 =</td> <td>16 × \$50.00 (1615)</td> </tr> <tr> <td>Independent Claims</td> <td>1</td> <td>- 3 =</td> <td>0 × \$200.00 (1614)</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$360.00 (1616)</td> </tr> <tr> <td colspan="3">Examination Fee</td> <td>+ \$200.00 (1633)</td> </tr> <tr> <td colspan="3">Search Fee</td> <td>+ \$400.00 (1642)</td> </tr> <tr> <td colspan="3">App. Size Fee (add \$250.00 for each add'l 50 sheets exceeding 100 sheets)</td> <td></td> </tr> <tr> <td colspan="3"></td> <td>TOTAL OF ABOVE CALCULATIONS = \$ 1,700.00</td> </tr> <tr> <td colspan="3"><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.</td> <td>+ \$ 0.00</td> </tr> <tr> <td colspan="3"></td> <td>SUBTOTAL = \$ 1,700.00</td> </tr> <tr> <td colspan="3">Processing fee of \$130.00 (1618) for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492(f)).</td> <td><input type="checkbox"/> 20 <input type="checkbox"/> 30 \$ 0.00</td> </tr> <tr> <td colspan="3"></td> <td>TOTAL NATIONAL FEE = \$ 1,700.00</td> </tr> <tr> <td colspan="3">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 (8021) per property +</td> <td>\$ 40.00</td> </tr> <tr> <td colspan="3"></td> <td>TOTAL FEES ENCLOSED = \$ 1,740.00</td> </tr> <tr> <td colspan="3">a. <input type="checkbox"/> A check in the amount of _____ to cover the above fees is enclosed.</td> <td>Amount to be refunded : charged :</td> </tr> <tr> <td colspan="3">b. <input type="checkbox"/> Please charge my Deposit Account No. <u>02-4800</u> in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</td> <td></td> </tr> <tr> <td colspan="3">c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>02-4800</u>. A duplicate copy of this sheet is enclosed.</td> <td></td> </tr> <tr> <td colspan="3">d. <input checked="" type="checkbox"/> Charge <u>\$ 1,740.00</u> to credit card. Form PTO-2038 is attached.</td> <td></td> </tr> <tr> <td colspan="4">NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</td> </tr> <tr> <td colspan="4"> SEND ALL CORRESPONDENCE TO:    Burns, Doane, Swecker &amp; Mathis, L.L.P.  P.O. Box 1404  Alexandria, Virginia 22313-1404  (703) 836-6620 </td> </tr> <tr> <td colspan="4">   SIGNATURE  William C. Rowland  NAME </td> </tr> <tr> <td colspan="4"> 30,888      June 17, 2005  REGISTRATION NO.      DATE </td> </tr> </table>			Basic Filing Fee (1631)			\$ 300.00	Surcharge of \$130.00 (1617) for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).			<input type="checkbox"/> 20 <input type="checkbox"/> 30	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total Claims	36	-20 =	16 × \$50.00 (1615)	Independent Claims	1	- 3 =	0 × \$200.00 (1614)	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00 (1616)	Examination Fee			+ \$200.00 (1633)	Search Fee			+ \$400.00 (1642)	App. Size Fee (add \$250.00 for each add'l 50 sheets exceeding 100 sheets)							TOTAL OF ABOVE CALCULATIONS = \$ 1,700.00	<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 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